AMENDMENTS TO THE SPECIFICATION:

Amend the specification as follows:

Please replace paragraph [0082] with the following amended paragraph:

[0082] As shown in Fig. 6, the linked-line block information is constituted by table structure for data

in which a plurality of links L, that are segment information connecting nodes N (shown as dots in

Fig. 5) as the point information constituting roads and representing points, are mutually associated

according to a predetermined rule. Specifically, the linked-line block information is associated with

a linked-line LL (LL1,,LL2...LLx [Fig.7]), where the link L, i.e. a predetermined length of the road,

are sequentially connected as shown in Figs. 5 and 7, e.g., KOSHU street and OME street. Each link

L has a unique number i.e., a unique segment information (hereafter referred to as a link ID) and a

node information that may be a unique number indicating the two nodes N connected by a link L.

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Please replace paragraph [0084] with the following amended paragraph:

[0084] As shown in Fig. 7, in case of a node Nx0 corresponding to a starting point of the link L of the road that constitutes linked-line block information, the coordinates information is information on coordinates relative to the absolute coordinates ZP (Fig.4). As shown in Figs. 7 and 8, in case of a node Nx1 (N_{2n-1}, N_{2n+1}) connected to the node Nx0 (N_{2n}) for the starting point with a link L, a node Nx2 (N_{2n-2}, N_{2n+2}...) connected to the node Nx1 with a link L and the following node Nxn, the coordinates information is information on an offset amount from the node Nx0 for the starting point or from a connected node Nxn. The node N to be a standard for the offset amount is specified in accordance with record order of the table structure, that is, the offset amount form the preceding node N constitutes the coordinates information.

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